CLAIMS:

1. A method of interprocess communications between a client and a server, each client and server having one or more Interprocess Communications Facilities wherein each Interprocess Communications Facility has connection oriented protocol (COP) associated therewith, comprising:

    determining if said client is on the same system as said server;

    connecting an Interprocess Communications Facility connection between said server and said client;

    when said client is on the same system as said server, setting pointers to said Interprocess Communications Facility connection for bypassing said connection oriented protocol; and

    transferring data between said client and said server.

2. The method of claim 1, further comprising the step of disconnecting said Interprocess Communications Facility connection by setting pointers to null.

3. The method of claim 1, further comprising:

    detecting errors said data transferring step;

    setting pointers to null; and

    transferring data between said client and said server through a conventional connection oriented protocol connection.

4. The method of claim 1, wherein said connection oriented protocol is Transmission Control Protocol/Internet Protocol (TCP/IP).

5. The method of claim 1, wherein said Interprocess Communications Facility is a Transport Layer Interface (TLI).

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6. The method of claim 1, wherein said Interprocess Communications Facility is a socket.

7. The method of claim 1, further comprising:

   determining if said server Interprocess Communications Facility and said client
5 Interprocess Communications Facility are compatible; and

   if said server Interprocess Communications Facility and said client Interprocess Communications Facility are not compatible, transferring data between said client and said server via a conventional connection oriented protocol connection.

8. The method of claim 1, further comprising:

10 verifying that said client and said server are prepared to set said pointers directly between said client and said server Interprocess Communications Facilities prior to setting said pointers; and

   when either said client or said server are not prepared to set said pointers directly between said client and said server Interprocess Communications Facilities, setting said
15 pointers to null;

   transferring data between said client and said server via a conventional connection oriented protocol connection.

9. A system of interprocess communications between a client and a server, comprising:

20 a server having server data and a server Interprocess Communications Facility associated therewith, said server being configured for communicating with one or more clients having client data and a client Interprocess Communications Facility associated therewith;

   said server Interprocess Communications Facility and said client Interprocess
25 Communications Facility being configured for forming a connection between said server

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Interprocess Communications Facility and said client Interprocess Communications Facility for delivering said server data and receiving said client data;

said connection having connection oriented protocol operatively associated therewith;

5   said server being programmed for detecting if said client is local or remote;

said client being configured for detecting if said server is local or remote;

said server being further configured to setting pointers to said client Interprocess Communications Facility if said client is local; and

said pointers being configured to form a connection between said server

10   Interprocess Communications Facility and said client Interprocess Communications Facility for data exchange between said client and said server for bypassing said connection oriented protocol.

10.   The system of claim 9, said server and said client being further configured for setting said pointers to null.

15   11.   The system of claim 9, wherein said server is further configured for detecting errors in data transfer; setting said pointers to null if errors are detected, and setting a conventional Interprocess Communications Facility connection using connection oriented protocol.

12.   The system of claim 9, wherein said server is further configured to determine if

20   said server and said client Interprocess Communications Facilities are compatible; and if said server and said client Interprocess Communications Facilities are not compatible, transferring data between said client and said server through a conventional connection oriented protocol connection.

13.   The system of claim 9, wherein said server is further configured for detecting

25   errors in connection; setting pointers to null if error are detected; and transferring data

between said client and said server through a conventional connection oriented protocol connection.

14.   The system of claim 9, wherein said Interprocess Communications Facility is a Transport Layer Interface (TLI).

5   15.   The system of claim 9, wherein said server is further configured to verify that said client is prepared to transmit data via said pointers set directly between said client and said server Interprocess Communications Facilities.

16.   The system of claim 15, wherein said client is further configured to verify that said server is prepared to transmit data via said pointers set directly between said client

10   and said Interprocess Communications Facilities.